





LIBRARY  
OF THE  
UNIVERSITY  
OF ILLINOIS





# THE VICTORIA INSTITUTE, 1888.

---

## SUMMARY OF THE IMPORTANT ANNUAL MEETING

ALSO THE

# A D D R E S S

BY

SIR MONIER MONIER-WILLIAMS, K.C.I.E. D.C.L. LL.D.

*Baden Professor of Sanscrit in the University of Oxford.*

DELIVERED AT THE ANNUAL MEETING,

*June 4th, 1888.*

THE PRESIDENT, PROFESSOR G. G. STOKES, M.A., D.C.L.,

*President of the Royal Society, in the Chair.*

THE VICTORIA INSTITUTE,

7, ADELPHI TERRACE, STRAND, W.C.

LONDON.

---

NOT TO BE BOUND WITH THE VOLUME.



SUMMARY OF THE PROCEEDINGS AT THE TWENTY-  
SECOND ANNUAL MEETING OF THE VICTORIA  
INSTITUTE, HELD AT THE HOUSE OF THE  
SOCIETY OF ARTS, 4TH JUNE, 1888.

---

The President, Professor G. G. STOKES, M.A., D.C.L., President  
of the Royal Society, IN THE CHAIR.

---

The Report having been read by the Honorary Secretary, Captain Francis Petrie, F.G.S., &c.,

Sir J. RISDON BENNETT, F.R.S., moved the adoption of the Report, and referred to the important volume of transactions just issued as sufficient evidence of the sound principles on which the Institute was conducted.

Professor H. W. BRISTOW, F.R.S., Senior Director of the Geological Survey of Great Britain, seconded the adoption of the Report, and complimented the Council on the excellent way in which their work had been done.

Mr. DAVID HOWARD, F.C.S., &c., returned thanks on behalf of the Council "whose anxious task had been so kindly recognized."

Sir MONIER MONIER-WILLIAMS, K.C.I.E., then delivered the ANNUAL ADDRESS.

The BISHOP OF DUNEDIN moved a vote of thanks to Sir MONIER MONIER-WILLIAMS and all those who had contributed the Papers, and to the discussion thereof during the session, and pointed out the value of the Address.

Mr. W. S. SETON KARR, D.C.L.—late Puisne Judge of the High Court at Calcutta—cordially seconded the resolution.

Sir HENRY BARKLY, K.C.B., G.C.M.G., F.R.S., moved a vote of thanks to the President, which was seconded by the Rev. ROBINSON THORNTON, D.D.

The Meeting then adjourned to the museum, where refreshments were served.

---

\*\*\* The large meeting occupied the hall, vestibule, and a room off the hall.

## SUMMARY OF THE REPORT.

## THE REPORT STATED :—

That during the past year Her Majesty had very graciously accepted an Address from the Institute, accompanied by its latest volumes.

That increasing interest in its Objects was evinced both at home and abroad.

That the steady support of the Institute's Members continued, and had been of the utmost value in giving solidity to the Institute, in strengthening its working, and in causing many who might otherwise not have joined or aided in its work to do so, and the value of the transactions had been much enhanced thereby. The Report called special attention to the importance of these points *as the future of the Institute so much depended upon its ability to make use of present opportunities.*

That the system under which papers were read, and the discussions and comments thereon published, now enabled Members in the most distant parts of the world to contribute papers, and to take part in the discussions.

That the Institute's American offshoot was progressing satisfactorily, and that, although an independent society, its existence had not lessened the amount of American support to the Institute.

That the increase of the Institute's Library of Reference, which had been got together by the help of many Members and Associates, was most important. The acquisition of a complete collection of the standard works of the day bearing upon the many subjects that came within the scope of the Institute would be of the greatest advantage, as such works are constantly inquired for both by town and country Members.

That the Members had elected, subject to their acceptance of the office, the Lord Chancellor as Vice-President, and Professor BRISTOW, F.R.S., Captain CREAK, R.N., F.R.S., Sir J. LEFROY, K.C.B., F.R.S., Mr. COX BOMPAS, F.G.S., Mr. G. A. SPOTTISWOODE, and the Rev. F. A. Walker, D.D., F.L.S., to the Council.

It reported that the accounts of the Institute had been audited as usual by two specially qualified Members not on the



Council. The Council referred to the great value and amount of the Institute's work, now extending all over the world, and which was accomplished on an income of twelve hundred pounds; such work was only possible by reason of carefully-planned organisation which had been adopted.

The Papers read were :—

*Meetings.*

- MONDAY, DECEMBER 5, 1887.—“Evolution and Revelation.” By the Rev. H. J. CLARKE. Additions by Sir J. W. DAWSON, K.C.M.G., F.R.S., and others.
- MONDAY, JANUARY 2, 1888.—“On the Theory of Natural Selection and the Theory of Design.” By Professor DUNS, D.D., F.R.S.E. Remarks, &c., by Lord GRIMTHORPE, and others.
- MONDAY, FEBRUARY 6.—“The Aborigines of Australia, their Ethnic Position and Relations.” By J. FRASER, B.A., F.R.S. (N. S. Wales).
- MONDAY, FEBRUARY 6.—Lecture on the Creation. By Dr. WARRING (United States).
- MONDAY, FEBRUARY 20.—On some New Chaldean and Assyrian Discoveries. By W. ST. C. BOSCAWEN, F.R.Hist.Soc.
- MONDAY, MARCH 5.—“Oriental Entomology.” By F. A. WALKER, D.D., F.L.S. “Ancient Human Footprints in Nicaragua,” with reference to Dr. CARL FLINT's discoveries there, and Dr. BRINTON's remarks explanatory of the same. (With photograph.)
- MONDAY, MARCH 19.—“On the Results of many years' Survey among the Coral Formations in the Pacific.” By Dr. H. B. GUPPY, R.N., F.R.S. With remarks by the Hydrographer to the Admiralty, Captain WHARTON, R.N., F.R.S.; Professor J. GEIKIE, LL.D., F.R.S.; Mr. JOHN MURRAY (“Challenger” Expedition); Mr. W. H. HUDDLESTON, F.R.S., F.C.S.
- MONDAY, APRIL 9.—“On the Wave of Translation described by Mr. J. SCOTT RUSSELL, F.R.S., and its Effects as noticed in both Hemispheres.” By Admiral SELWYN, R.N. With remarks by Admiral SCOTT, and others.
- MONDAY, APRIL 16.—“A Physical Theory of Moral Freedom,” being a refutation of the Theory of Automatism. By J. J. MURPHY, Esq., M.A. Remarks by Sir JOSEPH FAYRER, K.C.S.I., F.R.S.; the Hon. J. M. Gregory (Philadelphia), and others.
- MONDAY, MAY 7.—On the Names of the Lists of Thothmes III. which may be assigned to Judea. With Map. By M. MASPERO. Translated by the Rev. H. G. TOMKINS. With communications from Sir CHARLES WILSON, K.C.B., F.R.S., M. LE PAGE RENOUF, Captain C. R. CONDER, and others; also a communication from Canon LIDDON on the great value of the paper at the present time.
- MONDAY, JUNE 4.—Annual Address. “Mystical Buddhism in connexion with the Yoga system of Philosophy.” By Sir MONIER-MONIER WILLIAMS, Professor of Sanscrit at Oxford University. *Annual Meeting held at the House of the Society of Arts.*
- MONDAY, JUNE 18.—“On the Botany of Syria and Palestine.” By Professor G. E. POST, M.A., M.D.; an important paper, containing the result of years' careful exploration,—prepared by special request.

The Report referring to the issue of Vol. XXI. of the Journal, stated that much of the Institute's work tended to aid science, and much, of a special character, tended to show the errors of those who sought to attack religion in the name of science.

*On some Uses made of the Institute by its Members.*—"Last year it was pointed out that to many Members their connexion with the Institute had proved more than a mere personal advantage to themselves ; as they found that the Institute met a need felt both at home and abroad, especially in our Colonies and India, where the want of a true appreciation of the actual results of scientific inquiry has led many, especially the less informed, to credit such statements as that 'Science and Philosophy were alike opposed to Revelation,' and that 'the progress of Science has given a death-blow to all belief in the truth of the Bible.' (As one result of this, the Bible is a forbidden book in more than one Board School at home and in our Colonies.) And they had sought to make use of the Institute's investigations to dispel such erroneous ideas as those referred to, by using the papers in the Journal as lectures, or to lecture from, in their respective localities, often corresponding with the Institute as to the preparation of such lectures ; by reprinting portions of the Journal in foreign and Colonial journals, translating papers (in many countries) ; by using their influence in their respective localities to secure that local libraries and Institutions should subscribe for the Journal, thus bringing its pages before a still wider circle of readers ; by interesting others in its proceedings, and in many other ways which the Council trust may be even more generally adopted."

Among several other matters—the report referred to the importance of an increase of "the Special Fund" used in extending the library of reference, in publishing summaries of important papers, and in organising the publication of the People's Edition throughout the world.

*MYSTICAL BUDDHISM IN CONNEXION WITH THE  
YOGA PHILOSOPHY OF THE HINDUS.* By SIR  
MONIER MONIER-WILLIAMS, K.C.I.E., D.C.L., LL.D.,  
Ph.D., Boden Professor of Sanskrit in the University of  
Oxford.\*

THE first idea implied by Buddhism is intellectual enlightenment. But Buddhism has its own theory of enlightenment—its own idea of true knowledge, which it calls Bodhi, not Veda. By true knowledge it means knowledge acquired by man through his own intellectual faculties and through his own inner consciousness, instincts, and intuitions, unaided by any external or supernatural revelation of any kind.

But it is important to observe that Buddhism, in the carrying out of its own theory of entire self-dependence in the search after truth, was compelled to be somewhat inconsistent with itself. It enjoined self-conquest, self-restraint, self-concentration and separation from the world for the attainment of perfect knowledge and for the accomplishment of its own *summum bonum*—the bliss of Nirvāna—the bliss of deliver-

---

\* In this paper some of the diacritical marks, required for the accurate representation of Oriental words in the Roman character, have been omitted.

ance from the fires of passion and the flames of concupiscence. Yet it encouraged association and combination for mutual help. It established a universal brotherhood of celibate monks, open to persons of all castes and ranks, to rich and poor, learned and unlearned alike—a community of men which might, in theory, be co-extensive with the whole world—all bound together by the common aim of self-conquest, all animated by the wish to aid each other in the battle with carnal desires, all penetrated by a desire to follow the example of the Buddha, and be guided by the doctrine or law which he promulgated.

Cœnobitic monasticism in fact became an essential part of true Buddhism and a necessary instrument for its propagation.

In all this the Buddha showed himself to be eminently practical in his methods and profoundly wise in his generation. Evidently, too, he was wise in abstaining at first from all mystical teaching. Originally Buddhism set its face against all solitary asceticism and secret efforts to attain sublime heights of knowledge. It had no occult, no esoteric system of doctrine which it withheld from ordinary men.

Nor did true Buddhism at first concern itself with any form of philosophical or metaphysical teaching, which it did not consider helpful for the attainment of the only kind of true knowledge worth striving for—the knowledge of the origin of suffering and its remedy—the knowledge that suffering and pain arise from indulging lusts, and that life is inseparable from suffering, and is an evil to be got rid of by suppressing self and extinguishing desires.

In the *Mahā-parinibbāna-sutta* (Rhys Davids, 11–32) is recorded one of the Buddha's remarks shortly before his decease.

“What, O Ananda, does the Order desire of me? I have taught the law (*desito dhammo*) without making any distinction between esoteric and exoteric doctrine (*anantaram abahiram karitvā*). In the matter of the law, the Tathāgata (*i.e.*, the Buddha) has never had the closed fist of a teacher (*ācariya-mutthi*)—that is of a teacher who withholds some doctrines and communicates others.”

Nevertheless, admitting, as we must, that early Buddhism had no mysteries reserved for a privileged circle, we must not shut our eyes to the fact that the great importance attached to abstract meditation in the Buddhist system could not fail in the end to encourage the growth of mystical ideas.

Furthermore, it is undeniable that such ideas were, in some countries, carried to the most extravagant extremes. Efforts to induce a trance-like or hypnotic condition, by abstracting the thoughts from all bodily influences, by recitation of mysti-

cal sentences and by superstitious devices for the acquisition of supernatural faculties, were placed above good works and all the duties of the moral code.

We might point, too, to the strange doctrine which arose in Nepal and Tibet—the doctrine of the Dhyāni-Buddhas (or Buddhas of Meditation)—certain abstract essences existing in the formless worlds of thought, who were held to be ethereal and eternal representatives of the transitory earthly Buddhas.

Our present concern, however, is rather with the growth and development of mystical Buddhism in India itself, through its connexion with the system called Yoga and Yogācāra.

The close relationship of Buddhism to that system is well known. The various practices included under the name Yoga did not owe their origin to Buddhism. They were prevalent in India before Gautama Buddha's time; and one of the most generally accepted facts in his biography is that, after abandoning his home and worldly associations, he resorted to certain Brāhman ascetics who were practising Yoga.

What then was the object which these ascetics had in view?

The word Yoga literally means "union" (as derived from the Sanskrit root "yuj," to join), and the proper aim of every man who practised Yoga was the mystic union (or rather re-union) of his own spirit with the one eternal Soul or Spirit of the Universe, and the acquisition of divine knowledge through that union.

It may be taken for granted that this was the Buddha's first aim when he addressed himself to Yoga in the fifth century B.C., and even to this hour, earnest men in India resort to this system with the same object.

In the *Indian Magazine* for July, 1887 (as well as in my *Brāhmanism and Hindūism*\*) is a short biography of a quite recent religious reformer named Svāmī Dayānanda Sarasvatī, whose acquaintance I made at Bombay in 1876 and 1877, and who only died in 1883. The story of his life reads almost like a repetition of the life of Buddha, though his teaching aimed at restoring the supposed monotheistic doctrine of the Veda.

It is recorded that his father, desiring to initiate him into the mysteries of Saivism, took him to a shrine dedicated to the god Siva; but the sight of some mice stealing the consecrated offerings and of some rats playing on the heads of the idol led him to disbelieve in Siva-worship as a means of union with the Supreme Being. Longing, however, for such union

---

\* Published by John Murray, Albemarle Street (see p. 529).

and for emancipation from the burden of repeated births, he resolved to renounce marriage and abandon the world. Accordingly, at the age of twenty-two, he clandestinely quitted his home, the darkness of evening covering his flight. Taking a secret path, he travelled thirty miles during the night. Next day he was pursued by his father, who tried to force him to return, but in vain. After travelling farther and farther from his native province, he took a vow to devote himself to the investigation of truth. Then he wandered for many years all over India, trying to gain knowledge from sages and philosophers, but without any satisfactory result, till finally he settled at Ahmedabad. There, having mastered the higher Yoga system, he became the leader of a new sect called the Ārya-Samāj.

And here we may observe that the expression "higher Yoga" implies that another form of that system was introduced. In point of fact, the Yoga system grew, and became twofold—that is, it came in the end to have two objects.

The earlier was the higher Yoga. It aimed only at union with the Spirit of the Universe. The more developed system aimed at something more. It sought to acquire miraculous powers by bringing the body under control of the will, and by completely abstracting the soul from body and mind, and isolating it in its own essence. This condition is called Kaivalya.

In the fifth century B.C., when Gautama Buddha began his career, the later and lower form of Yoga seems to have been little known. Practically, in those days earnest and devout men craved only for union with the Supreme Being, and absorption into his essence. Many methods of effecting such union and absorption were contrived. And these may be classed under two chief heads—bodily mortification (tapas) and abstract meditation (dhyāna).

By either one of these two chief means, the devotee was supposed to be able to get rid of all bodily fetters—to be able to bring his bodily organs into such subjection to the spiritual that he became unconscious of possessing any body at all. It was in this way that his spirit became fit for blending with the Supreme Spirit.

We learn from the *Lalita-vistara* that various forms of bodily torture, self-maceration, and austerity were common in Gautama's time.

Some devotees, we read, seated themselves in one spot and kept perpetual silence, with their legs bent under them. Some ate only once a day or once on alternate days, or at intervals of four, six, or fourteen days. Some slept in wet clothes or on ashes, gravel, stones, boards, thorny grass, or spikes, or

with the face downwards. Some went naked, making no distinction between fit or unfit places. Some smeared themselves with ashes, cinders, dust, or clay. Some inhaled smoke and fire. Some gazed at the sun, or sat surrounded by five fires, or rested on one foot, or kept one arm perpetually uplifted, or moved about on their knees instead of on their feet, or baked themselves on hot stones, or entered water, or suspended themselves in the air.

Then, again, a method of fasting called very painful (*atikricchra*), described by Manu (xi. 213), was often practised. It consisted in eating only a single mouthful every day for nine days and then abstaining from all food for the three following days.

Another method, called the lunar fast (vi. 20, xi. 216), consisted in beginning with fifteen mouthfuls at full moon, and reducing the quantity by one mouthful till new moon, and then increasing it again in the same way till full moon.

Passages without number might be quoted from ancient literature to prove that similar practices were resorted to throughout India with the object of bringing the body into subjection to the spirit. And these practices have continued up to the present day.

A Muhammadan traveller, whose narrative is quoted by Mr. Mill (*British India*, I. 355), once saw a man standing motionless with his face towards the sun.

The same traveller, having occasion to revisit the same spot sixteen years afterwards, found the very same man in the very same attitude. He had gazed on the sun's disk till all sense of external vision was extinguished.

A Yogī was seen not very long ago (Mill's *India*, I. 353) seated between four fires on a quadrangular stage. He stood on one leg gazing at the sun, while these fires were lighted at the four corners. Then placing himself upright on his head, with his feet elevated in the air, he remained for three hours in that position. He then seated himself cross-legged, and continued bearing the raging heat of the sun above his head and the fires which surrounded him till the end of the day, occasionally adding combustibles with his own hands to increase the flames.

I, myself, in the course of my travels, encountered Yogīs who had kept their arms uplifted for years, or had wandered about from one place of pilgrimage to another under a perpetual vow of silence, or had no place to lie upon but a bed of spikes.

As to fasting, the idea that attenuation of the body by abstinence from food, facilitates union of the human soul with

the divine, or at any rate promotes a keener insight into spiritual things, is doubtless as common in Europe as in Asia; but the most austere observer of Lent in European countries would be hopelessly outdone by devotees whose extraordinary powers of abstinence may be witnessed in every part of India.

If we now turn to the second great method of attaining mystic union with the Divine Essence, namely, by profound abstract thought, we may observe that it, too, was everywhere prevalent in Buddha's time.

Indeed, one of the names given by Indian philosophers to the One Universal Spirit is Cit, "Thought." By that name of course, is meant pure abstract thought, or the faculty of thought separated from every concrete object. Hence, in its highest state the eternal infinite Spirit, by its very nature, thinks of nothing. It is the simple thought faculty, wholly unconnected with any object, about which it thinks. In point of fact, the moment it begins to exercise this faculty, it necessarily abandons for a time its condition of absolute oneness, abstraction and isolation, to associate itself with something inferior, which is not itself.

It follows, therefore, that intense concentration of the mind on the One Universal Spirit amounts to fixing the thought on a mere abstract Essence, which reciprocates no thought in return, and is not conscious of being thought about by its worshipper.

In harmony with this theory, we find that the definition of Yoga, in the second aphorism of the Yoga-sūtra, is, "the suppression (nirodha) of the functions or modifications (vritti) of the thinking principle (citta)." So that, in reality, the union of the human mind with the infinite Principle of thought amounts to such complete mental absorption, that thought itself becomes lost in pure thought.

In the *Sakuntalā* (vii. 175) there is a description of an ascetic engaged in this form of Yoga, whose condition of fixed meditation and immovable impassiveness had lasted so long that ants had thrown up a mound as high as his waist, and birds had built their nests in the long clotted tresses of his tangled hair.

Not very dissimilar phenomena may be witnessed even in the present day. I, myself, not many years ago, saw at Allahabad a devotee who had maintained a sitting, contemplative posture with his feet folded under his body, in one place near the fort for twenty years.

During the Mutiny cannon thundered over his head, and bullets hissed all around him, but nothing apparently disturbed his attitude of profound meditation.



It is clear, then, from all we have stated, that, supposing Gautama to have made up his mind to renounce the world and devote himself to a religious life, his adoption of a course of Yoga was a most ordinary proceeding.

In the first instance, as we have seen, he tested the value of painful self-mortification by a long sexennial fast. Then, after discovering the uselessness of mere bodily austerities, he took food naturally, and adopting the second method, applied himself to profound abstract meditation.

A large number of the images of Buddha represent him sitting on a raised seat, with his legs folded under his body, and his eyes half-closed, in this condition of abstraction (*samādhi*)—sometimes called *Yoga-nidrā*; that is, a trance-like state, compared to profound sleep, or a kind of hypnotism.

According to the account given in the *Mahā-vagga* (i. 1), he seated himself in this way under four trees in succession, remaining absorbed in thought for seven days and nights under each tree, till he was, so to speak, re-born as Buddha "the Enlightened." Till then he had no right to that title.

And those four successive seats probably symbolised the four recognised stages of meditation\* (*dhyāna*) rising one above the other, till thought itself was converted into non-thought.

We know, too, that the Buddha went through still higher progressive stages of meditation at the moment of his death or final decease (*Pari-nirvāṇa*), thus described in the *Mahā-parinibbāna sutta* (vi. 11):

"Then the Venerable One entered into the first stage of meditation (*pathamajjhānam*); and rising out of the first stage, he passed into the second; and rising out of the second, he passed into the third; and rising out of the third, he passed into the fourth; and rising out of the fourth stage, he attained the conception of the infinity of space (*ākāsānañcāyatanam*); and rising out of the conception of the infinity of space, he attained the conception of the infinity of intelligence (or second *Arūpa-brahma-loka*). And rising out of the idea of the infinity of intelligence, he attained the conception of absolute nonentity (*ākīñcaññāyatanam*); and rising out of the idea of nonentity, he entered the region where there is neither consciousness nor unconsciousness; and rising out of that region, he entered the state in which all sensation and all perception of ideas had wholly ceased."

This strange passage shows that even four progressive

---

\* I give this as a theory of my own. M. Senart considers that the sun's progress is symbolised. I am no believer in the sun theory as applicable to this point.

stages of abstraction did not satisfy the requirements of later Buddhism in regard to the intense sublimation of the thinking faculty needed for the complete effacement of all sense of individuality. Higher and higher altitudes had to be reached, insomuch that the fourth stage of abstract meditation is sometimes divided and sub-divided into what are called eight *vimokhas* and eight *samāpattis*—all of them forms and stages of ecstatic meditation.\*

A general name, however, for all the higher trance-like states is *Samādhi*, and by the practice of *Samādhi* the six transcendent faculties (*Abhiññā*) might ultimately be obtained, viz., the inner ear, or power of hearing words and sounds however distant (*clair-audience*, as it might be called), the inner eye or power of seeing all that happens in every part of the world (*clair-voyance*), knowledge of the thoughts of others, recollection of former existences, the knowledge of the mode of destroying the corrupting influences of passion, and, finally, the supernatural powers called *Iddhi*, to be subsequently explained.

But to return to the Buddha's first course of meditation at the time when he first attained Buddhahood. This happened during one particular night, which was followed by the birth-day of Buddhism.

And what was the first grand outcome of that first profound mental abstraction? One legend relates that in the first watch of the night all his previous existences flashed across his mind; in the second he understood all present states of being; in the third he traced out the chain of causes and effects, and at the dawn of day he knew all things.

According to another legend, there was an actual outburst of the divine light before hidden within him.

We read in the *Lalita-vistara* (chap. i.) that at the supreme moment of his intellectual illumination brilliant flames of light issued from the crown of his head, through the interstices of his cropped hair. These rays are sometimes represented in his images, emerging from his skull in a form resembling the five fingers of an extended hand.

Mark, however, that it is never stated that Gautama ever attained to the highest result of the true Yoga of Indian philosophy—union with the Supreme Spirit. On the contrary, his self-enlightenment led to entire disbelief in the separate existence of any eternal, infinite Spirit at all—any Spirit, in fact, with which a spirit existing in his own body could blend, or into which it could be absorbed.

---

\* These are described in Childers's *Pāli Dictionary*, s.v.

If the Buddha was not a materialist, in the sense of believing in the eternal existence of material atoms, neither could he in any sense be called a "spiritualist," or "spiritist."

With him Creation did not proceed from an Omnipotent Spirit evolving phenomena out of itself by the exercise of almighty will, nor from an eternal self-existing, self-evolving germ of any kind. As to the existence of any spiritual substance in the Universe which was not matter and was imperceptible by the senses, it could not be proved.

Nor did he believe in the eternal existence of an invisible, intangible, human self or Ego, commonly called Soul, as distinct from a material body. In this he differed widely from the Yoga. The only eternity of early Buddhism was in an eternity of "becoming," not of "being"—an eternity of universes, all succeeding each other, and all lapsing into nothingness.

In short, the Buddha's enlightenment consisted, first, in the discovery of the origin and remedy of suffering, and, next, in the knowledge of the existence of an eternal Force—a force generated by what in Sanskrit is called *Karman*, "Act." Who, or what, started the first act the Buddha never pretended to be able to explain. He confessed himself in regard to this point a downright Agnostic.

All he affirmed was that every man was created by the force of his own acts in former bodies, combined with a force generated by intense attachment to existence (*upādāna*). The Buddha himself was so created, and had been created and re-created through countless bodily forms; but he had no spirit or soul existing separately between the intervals of each creation. By his protracted meditation he attained to no higher knowledge than this, and although he himself rose to loftier heights of knowledge than any other man of his day, he never aspired to other than the extraordinary faculties which were within the reach of any human being capable of rising to the same sublime abstraction of mind.

He was even careful to lay down a precept that the acquisition of transcendent human faculties was restricted to the perfected saints called *Arhats*; and so important did he consider it to guard such faculties from being claimed by mere impostors, that one of the four prohibitions communicated to all monks on first admission to his monastic Order was that they were not to pretend to such powers.

Nor is there any proof that even *Arhats* in Gautama's time were allowed to claim the power of working physical miracles.

By degrees, no doubt, powers of this kind were ascribed to them as well as to the Buddha. Even in the *Vinaya*, one of

the oldest portions of the *Tripitaka*, we find it stated that Gautama Buddha gained adherents by performing three thousand five hundred supernatural wonders (in Pāli *pātihāriya*). These were thought to be evidences of his mission as a great teacher and saviour of mankind; but the part of the narrative recording these, although very ancient, is probably a legendary addition of later date. It is interesting, however, to trace in other portions of the first literature, the development of the doctrine that Buddhahood meant first transcendent knowledge, and then supernatural faculties, and finally miraculous powers.

In the *Akkamheyya Sutta* (said to be written in the fourth century B.C.) occurs this remarkable passage, translated by Professor Rhys Davids (p. 214):—

“If a Monk should desire through the destruction of the corrupting influences (*āsavas*), by himself, and even in this very world, to know and realise and attain to Arhatship, to emancipation of heart, and emancipation of mind, let him devote himself to that quietude of heart which springs from within, let him not drive back the ecstasy of contemplation, let him look through things, let him be much alone.

“If a Monk should desire to hear with clear and heavenly ear, surpassing that of men, sounds both human and celestial, whether far or near; if he should desire to comprehend by his own heart the hearts of other beings and of other men; if he should desire to call to mind his various temporary states in the past, such as one, two, three, four, five, ten, twenty, a hundred, a thousand, a hundred thousand births, or his births in many an age and æon of destruction and renovation, let him devote himself to that quietude which springs from within.”

Then, in the *Mahā-parinibbāna-sutta* (i. 33) occurs the following:—

“At that time the Blessed One—as instantaneously as a strong man would stretch forth his arm, or draw it back again when he had stretched it forth—vanished from this side of the river, and stood on the further bank with the company of the brethren.”

And, again, the following:—

“I call to mind, Ānanda, how when I used to enter into an assembly of many hundred nobles, before I had seated myself there, or talked to them, or started a conversation with them, I used to become in colour like unto their colour, and in voice like unto their voice. Then, with religious discourse, I used to instruct, incite, and quicken them, and fill them with gladness. But they knew me not when I spoke, and would

say, 'Who may this be who thus speaks? a man or a god?' Then, having instructed, incited, quickened and gladdened them with religious discourse, I would vanish away. But they knew me not even when I vanished away; and would say, 'Who may this be who has thus vanished away? a man, or a god?' " (*Mahā-parinibbāna-sutta*, iii. 22.)

Such passages in the early literature afford an interesting exemplification of the growth of supernatural and mystical ideas, and account for the ultimate association of the Northern Buddhistic system, with Saivism, demonology, magic, and various spiritual phenomena connected with what has been called "Esoteric Buddhism."

These ideas, however, originated in India, and we may now proceed to trace their development in the later *Yoga* or "aphorisms of the Yoga philosophy," composed by Patanjali, to which I have already referred.

In that work eight requisites of Yoga are enumerated (ii. 29); namely 1, abstaining from five evil acts (*yama*); 2, performing five positive duties (*niyama*); 3, settling the limbs in certain postures (*āsana*); 4, regulating and suppressing the breath (*prāṇāyāma*); 5, withdrawing the senses from their objects (*pratyāhāra*); 6, fixing the thinking faculty (*dhāraṇā*); 7, internal self-contemplation (*dhyāna*); 8, trance-like self-concentration (*samādhi*).

These eight are indispensable requisites for the gaining of Patanjali's *summum bonum*—the complete abstraction or isolation (*kaivalya*) of the soul in its own essence and for the acquirement of supernatural faculties.

Taking now these eight requisites of Yoga in order, we may observe, with regard to the first, that the five evil acts to be avoided correspond to the five commandments in Buddhism, viz., "kill not," "steal not," "commit no impurity," "lie not." The fifth alone, "abstain from all worldly enjoyments," is different, the Buddhist fifth prohibition being "drink no strong drink."

With regard to the second requisite, the five positive duties are—self-purification, both external and internal (both called *saucha*); the practice of contentment (*santosha*); bodily mortification (*tapas*); muttering of prayers, or repetition of mystical syllables (*svādhyāya*, or *japa*), and contemplation of the Supreme Being.

The various processes of bodily mortification and austerities have been already described.

As to the muttering of prayers, the repetition of mystic syllables such as Om (a symbol for the Triad of Gods), or of any favourite deity's name, is held among Hindūs to be

highly efficacious.\* In a similar manner among Northern Buddhists the six-syllabled sentence: "Om mani padme hūm"—"Reverence to the jewel in the lotus. Amen"—is used as a charm against the sixfold course of transmigration. The Jewel may mean Avalokitesvara, the patron saint of Tibet, fabled to have sprung from a lotus, or it may contain a *double-entendre*—an occult allusion to the Sāṅkhya Purusha and Prakriti, or to the Linga and Yoni of Śaivism, as symbolising the generative force of Nature. No other prayer-formula in the world is repeated so often.

Other mystical syllables (such as sam, yam, ram, lam) are supposed to contain some occult virtue.

The third requisite—posture—would appear to us a somewhat trivial aid to the union of the human spirit with the divine; but with Hindūs it is an important auxiliary, fraught with great benefit to the Yogī.

The alleged reason is that certain sitting postures (āsana) and cramping of the lower limbs are peculiarly efficacious in producing bodily quietude and preventing restlessness. Some of the postures have curious names, for example:—Padmāsana, "the lotus posture"; virāsana, "the heroic posture"; sinhāsana, "the lion posture"; kūrmasana, "the tortoise posture"; kukutāsana, "the cock posture"; dhanur-āsana, "bow posture"; mayūrāsana, "peacock posture." In the first the right foot is placed on the left thigh, and the left on the right thigh.

In short, the idea is that compression of the lower limbs, in such a way as to prevent the possibility of the slightest movement, is most important as a preparation for complete abstraction of soul.

Then, as another aid, particular twistings (called mudrā) of the upper limbs—of the arms, hands, and fingers—are enjoined.

In Europe violent movements of the limbs are practised by devotees with the view of uniting the human spirit with the Divine. Those who have seen the whirling and "howling" dervishes of Cairo can testify to this. The fainting fits which result from their violent exertions, inspirations, expirations, and utterances of the name of God are believed to be ecstatic states in which such union is effected.

The fourth requisite—regulation and suppression of the breath—is perhaps the one of all the eight which it is most difficult for Europeans to understand or appreciate; yet with Hindūs it is all-important (being called Hatha-vidyā). Nor are the ideas connected with it wholly unknown in Europe.

---

\* See my *Brāhmanism and Hindūism* (John Murray), p. 105.

According to Swedenborg,\* thought commences and corresponds with respiration :—

“When a man thinks quickly his breath vibrates with rapid alternations; when the tempest of anger shakes his mind his breath is tumultuous; when his soul is deep and tranquil, so is his respiration.” And he adds: “It is strange that this correspondence between the states of the brain or mind and the lungs has not been admitted in science.”

The Hindū belief certainly is that deep inspirations of breath assist in concentrating and abstracting the thoughts and preventing external impressions. But, more than this, five sorts of air are supposed to permeate the human body and play an important part in its vitality. The Hatha-dīpikā says: “As long as the air remains in the body, so long life remains. Death is the exit of the breath. Hence the air should be retained in the body.”

In regulating the breath, the air must first be drawn up through one nostril (the other being closed with the finger), retained in the lungs, and then expelled through the other nostril. This exercise must be practised alternately with the right and left nostril. Next, the breath must be drawn forcibly up through both nostrils, and the air imprisoned for as long a time as possible in the lungs. Thence it must be forced by an effort of will towards the internal organs of the body, or made to mount to the centre of the brain.

The Hindūs, however, do not identify the breath with the soul. They believe that a crevice or suture called the Brahma-randhram at the top of the skull serves as an outlet for the escape of the soul at death. A Hindū Yogī's skull is sometimes split at death by striking it with a sacred shell. The idea is to facilitate the exit of the soul. It is said that in Tibet the hair is torn out of the top of the head, with the same object.

In the case of a wicked man the soul is supposed to escape through one of the lower openings of the body.

The imprisonment of the breath in the body by taking in more air than is necessary for respiration, is the most important of the breath exercises. It is said that Hindū ascetics, by constant practice, are able by this means to sustain life under water, or to be buried alive for long periods of time. Such feats of endurance would be wholly impracticable in the case of Europeans. It seems, however, open to question, whether or not it may not be possible for human beings of particular constitutions to practise a kind of

---

\* Quoted in Colonel Olcott's *Yoga Philosophy*, p. 282.

hibernation like that of animals, by some method of suspending temporarily the organic functions. A certain Colonel Townsend is said to have succeeded in doing so.

A well-known instance of suspended animation occurred in the Punjab in 1837. A certain Yogī was there, by his own request, buried alive in a vault for forty days in the presence of Runjit Singh and Sir Claude Wade; his eyes, ears, and every orifice of his body having been first stopped with plugs of wax. Dr. McGregor, the then residency surgeon, also watched the case. Every precaution was taken to prevent deception. English officials saw the man buried, as well as exhumed, and a perpetual guard over the vault was kept night and day by order of Runjit Singh himself. At the end of forty days the disinterment took place. The body was dried up like a stick, and the tongue, which had been turned back into the throat, had become like a piece of horn. Those who exhumed him followed his previously-given directions for the restoration of animation, and the Yogī told them he had only been conscious of a kind of ecstatic bliss in the society of other Yogīs and saints, and was quite ready to be buried over again.

What amount of fraud, if any, there may be in these feats it is impossible to say. The phenomena may possibly be accounted for by the fact that Indian Yogīs have studied the habits of hibernating animals for ages.

I may add that it is commonly believed throughout India that a man whose body is sublimated by intense abstract meditation never dies, in the sense of undergoing corruption and dissolution. When his supposed death occurs he is held to be in a state of trance, which may last for centuries, and his body is, therefore, not burnt, but buried—generally in a sitting posture—and his tomb is called a samādh.

With regard to the fifth requisite—the act of withdrawing the senses from their object, as, for example, the eye from visible forms—this is well compared to the act of a tortoise withdrawing its limbs under its shell.

The sixth requisite—fixing the principle of thought—comprises the act of directing the thinking faculty (*citta*) towards various parts of the body, for example, towards the heart, or towards the crown of the head, or concentrating the will-force on the region between the two eyebrows, or even fixing the eyes intently on the tip of the nose. (Compare *Bhagavad-gītā*, vi. 13.)

The seventh and eighth requisites—viz., internal self-contemplation and intense self-concentration—are held (when conjoined with the sixth) to be most important as leading to



the acquisition of certain supernatural powers, of which the following are most commonly enumerated :—(1) Animan, “the faculty of reducing the body to the size of an atom”; (2) Mahiman, or Gariman, “increasing the size or weight at will”; (3) Laghiman, “making the body light at will”; (4) Prāpti, “reaching or touching any object or spot, however apparently distant”; (5) Prākāmya, “unlimited exercise of will”; (6) Isitva, “gaining absolute power over one’s self and others”; (7) Vasiṭā, “bringing the elements into subjection”; (8) Kāmāvasāyitā, “the power of suppressing all desires.”

A Yogī who has acquired these powers can rise aloft to the skies, fly through space, pierce the mysteries of planets and stars, cause storms and earthquakes, understand the language of animals, ascertain what occurs in any part of the world, or of the universe, recollect the events of his own previous lives, prolong his present life, see into the past and future, discern the thoughts of others, assume any form he likes, disappear, reappear, and even enter into another man’s body and make it his own.

Such were some of the extravagant ideas which grew with the growth of the Yoga system, and all these exist in the later developments of Buddhism. The Buddha himself is fabled by his followers to have ascended to the Trayas-trinsa heaven of Indra, walked on water, stepped from one mountain to another, and left impressions of his feet on the solid rock; although in the well-known *Dhamma-paḍa* it is twice declared (254, 255), “There is no path through the air.”

Of course it was only natural that, with the development of Buddhism and its association with Saivism, the Buddha himself should have become a centre for the growth and accumulation of supernatural and mystical ideas. It is in this way that the later doctrine makes every Buddha have a threefold existence or possess three bodies, much in the same way as in Hindūism three bodies are assigned to every being.

The first of the Buddha’s bodies is the Dharma-kāya “body of the Law,” supposed to be a kind of ethereal essence of a highly sublimated nature and co-extensive with space. This essence was believed to be eternal, and after the Buddha’s death, was represented by the Law or Doctrine (Dharma) he taught. Its Brāhmanical analogue is probably Brahman, “the Universal Spirit,” which, when associated with Illusion (or the Kāraṇa-sarīra), may assume a highly ethereal subtle body, called Linga-sarīra.

The second body is the Sambhoga-kāya, “body of conscious bliss,” which is of a less ethereal and more material nature than the last. Its Brāhmanical analogue appears to be

the intermediate celestial body belonging to departed spirits, called Bhoga-deha, which is of an ethereal character, though it is composed of sufficiently gross (sthūla) material particles to be capable of experiencing happiness in heaven.

The third body is the Nirmāna-kāya, "body of visible shapes and transformations," that is to say, those visible concrete material forms in which every Buddha who exists as an invisible and eternal essence, is manifested on the earth or elsewhere for the propagation of the true doctrine. The Brāhmanical analogue of this third body appears to be the earthly gross body, called Sthūla-sarīra.

There is a well-known legend which relates how the great Brāhman sage Sankarācārya entranced his gross body, and then, having forced out his soul along with his subtle body, entered the dead body of a recently deceased King, which he occupied for several weeks.

In connexion with these mystical ideas, I may here allude to the belief that certain modern Eastern sages, skilled in occult science, have the power of throwing their gross bodies into a state of mesmeric trance, and then by a determined effort of will projecting or forcing out the ethereal body through the pores of the skin, and making this phantasmal form visible in distant places.\*

We learn from Mr. Sinnett that a community of Buddhist "Brothers" called Mahātmas, are now living in secluded spots in the deserts of Tibet, who have emancipated their interior selves from physical bondage by meditation, and are believed to possess "astral" or ethereal bodies (distinct from their gross bodies), with which they are able to rise in the air, or move through space, by the mere exercise of will.

I am not aware whether the Psychical Research Society has extended its researches to the deserts of Tibet, where these phenomena are said to take place.

In curious agreement with these notions, are the beliefs of various uncivilised races. Dr. Tylor, in his *Primitive Culture* (I. 440), relates how the North American Indians and others believe that their souls quit their bodies during sleep, and go about hunting, dancing, visiting, etc.

Old legends relate how Simon Magus made statues walk; how he flew in the air; changed his shape; assumed two faces; made the vessels in a house seem to move of themselves (Yule's *Marco Polo*, i. 306). Friar Ricold relates that "a man from India was said to fly. The truth was that he

---

\* Colonel Olcott and Mr. Sinnett mention this faculty as characteristic of Asiatic occultism.

did walk close to the surface of the ground without touching it" (Yule's *Marco Polo*, I. 307).

As to the phenomena of modern spiritualism, these are declared by Mr. Sinnett to be quite distinct from those of Asiatic occultism. He maintains that modern spiritualism requires the intervention of "mediums," who neither control nor understand the manifestations of which they are the passive instruments; whereas the phenomena of occultism are the "achievements of a conscious living operator," produced by a simple effort of his own will. The important point, he adds, "which occultism brings out is, that the soul of man, while something enormously subtler and more ethereal and more lasting than the body, is itself a material body. . . . The ether that transmits light is held to be material by any one who holds it to exist at all; but there is a gulf of difference between it and the thinnest of the gases." In another place he advances an opinion that the spirit is distinct from the soul. It is the soul of the soul.

And again: "The body is the prison of the soul for ordinary mortals. We can see merely what comes before its windows; we can take cognisance only of what is brought within its bars. But the adept has found the key of his prison, and can emerge from it at pleasure. It is no longer a prison for him—merely a dwelling. In other words, the adept can project his soul out of his body to any place he pleases with the rapidity of thought."\*

It is worth noting that many believers in Asiatic occultism hold that a hitherto unsuspected force exists in nature called Odic force (is this to be connected with Psychic force?), and that it is by this that the levitation of entranced persons is effected. Some are said to have the power of lightening their bodies by swallowing large draughts of air. The President of the Theosophical Society, Colonel Olcott, alleges that he himself, in common with many other observers, has seen a person raised in the air by a mere effort of will.

Surely these phenomena may be mere feats of conjuring. In the *Asiatic Monthly Journal* for March, 1829, an account is given of a Brâhman who poised himself *apparently* in the air, about four feet from the ground, for forty minutes, in the presence of the Governor of Madras. Another juggler sat on three sticks put together to form a tripod. These were removed, one by one, and the man remained sitting in the

---

\* *The Occult World*, by A. P. Sinnett, Vice-President of the Theosophical Society, pp. 12, 15, 20.

air. On the other hand, it is contended, that "since we have attained, in the last half-century, the theory of evolution, the antiquity of man, the far greater antiquity of the world itself, the correlation of physical forces, the conservation of energy, spectrum analysis, photography, the locomotive engine, electric telegraph, spectroscope, electric light, and the telephone, who shall dare to fix a limit to the capacity of man?" \* Few will be disposed to deny altogether the truth of such a contention, however much they may dissent from Colonel Olcott's theosophical and neo-Buddhist views.

There may be, of course, latent faculties in humanity which are at present quite unsuspected, and yet are capable of development in the future.

I may also refer to the statement of Sir James Paget, in his recent address on "Scientific Study," that many things now held to be inconceivable and past man's imagination are profoundly and assuredly true, and that it will be in the power of Science to prove them to be so.†

Clearly mystical Buddhism is far too big a subject to be compressed within the limits of a single paper.

I will merely, in conclusion, express my doubts whether Asiatic occultism, as connected with the Yoga philosophy, and as believed in by Colonel Olcott, Mr. Sinnett, and many others, will ever bear the searching light of European scientific investigation.

Nevertheless, it seems to me to be a subject which ought not to be brushed aside by our scientists as unworthy of consideration. It furnishes, in my opinion, a highly interesting topic of inquiry, especially in its bearing on the so-called "Spiritualism," "neo-Buddhism," and "Theosophy" of the present day. The practices connected with mesmerism, animal magnetism, clairvoyance, thought-reading, &c., have their counterparts in the Yoga system prevalent in India more than 2,000 years ago. "The thing that hath been, it is that which shall be; and that which is done is that which shall be done: and there is no new thing under the sun."

---

\* Colonel Olcott's *Lectures on Theosophy and Archaic Religions*, p. 109.

† Report in the *Times* newspaper.

SIR M. MONIER-WILLIAMS, K.C.I.E., ON A FEW OF THE CHIEF  
CONTRASTS BETWEEN THE ESSENTIAL DOCTRINES OF BUDDHISM  
AND OF CHRISTIANITY.

Those who have watched the progress of modern thought in regard to Buddhism will appreciate the insertion here of the following speech\* by the Author of the Victoria Institute's Address.

"It is one of the strange phenomena of the present day, that even educated persons are apt to fall into raptures over the doctrines of Buddhism, attracted by the bright gems which its admirers cull out of its moral code, and display ostentatiously, while keeping out of sight all the dark spots of that code, all its triviality and all those precepts which no Christian could soil his lips by uttering. It has even been asserted that much of the teaching in the Sermon on the Mount is based on previously current moral precepts, which Buddhism was the first to introduce to the world, 500 years before Christ. But this is not all. The admirers of Buddhism maintain that the Buddha was not a mere teacher of morality, but of many other great truths. He has been justly called, say they, 'the Light of Asia,' though they condescendingly admit that Christianity, as a later development, is more adapted to become the religion of the world.

"Let us, then, inquire for a moment what claim Gautama Buddha has to this title, 'the Light of Asia.'

"Now, in the first place, those who give him this name forget that his doctrines only spread over Eastern Asia, and that Mohammed has as much right as Buddha to be called 'the Light of Asia.' But was the Buddha, in any true sense, a Light to any part of the world? It is certainly true that the main idea implied by Buddhism is intellectual enlightenment. Buddhism, before all things, means enlightenment of mind, resulting from intense self-concentration, from intense abstract meditation, combined with the exercise of a man's own reasoning faculties and intuitions. It was only after such a course of meditation that the so-called Light of Knowledge burst upon the man Gautama. It was only then that he became Buddha, the Enlightened One. We read in the *Lalita*

---

\* This speech was delivered at the 1888 Missionary Conference.

*Vistara* that, at the supreme moment of this enlightenment, actual flames of light issued from the crown of the Buddha's head. Of what nature, then, was this so-called Light of Knowledge that radiated from the Buddha? Was it the knowledge of his own deep depravity of heart, or of the origin of sin? No; the Buddha's light was in this respect profound darkness. He confessed himself a downright Agnostic. The origin of the first evil act was to him an inexplicable mystery. Was it, then, a knowledge of the goodness, justice, and holiness of an Omnipotent Creator? Was it a knowledge of the Fatherhood of God? No; the Buddha's light was in these respects also absolute darkness. Here, too, he acknowledged himself a thorough Agnostic. He knew nothing of the existence of any Supreme Being—of any Being higher than himself. What, then, was the light that broke upon the Buddha? What was this enlightenment which has been so much written about and extolled? All that he claimed to have discovered was the Origin of suffering and the remedy of suffering. All the light of knowledge to which he attained came to this: that suffering arises from indulging desires; that suffering is inseparable from life; that all life is suffering; and that suffering is to be got rid of by the suppression of desires, and by the extinction of personal existence. You see here the first great contrast. When the Buddha said to his converts, 'Come, follow me,' he bade them expect to get rid of suffering, he told them to stamp out suffering by stamping out desires. When the Christ said to His disciples, 'Come, follow me,' He bade them expect suffering, He told them to glory in their sufferings, to rejoice in their sufferings, nay, to expect the perfection of their characters through suffering. It is certainly noteworthy that both Christianity and Buddhism agree in asserting that all creation travaileth in pain, in bodily suffering, in tribulation. But mark the vast, the vital distinction in the teaching of each. The one taught men to aim at the glorification of the suffering body, the other at its utter annihilation. What says our Bible? We Christians, it says, are members of Christ's Body, of His flesh and of His Bones, of that Divine Body, which was a suffering body, a cross-bearing body, and is now a glorified body, an ever-living, life-giving body. A Buddhist, on the other hand, repudiates, as a simple impossibility, all idea of being a member of the Buddha's body. How could a Buddhist be a member of a body which was burnt, which was dissolved, which became extinct at the moment when the Buddha's whole personality became extinguished

also ? But, say the admirers of Buddhism, at least you will admit that the Buddha told men to get rid of sin, and to aim at sanctity of life ? Nothing of the kind. The Buddha had no idea of sin, as an offence against God, no idea of true holiness. What he said was, Get rid of the demerit of evil actions and accumulate merit by good actions. This storing up of merit—like capital at a bank—is one of those inveterate propensities of human nature which Christianity alone has delivered men from.

“Only the other day I met an intelligent Sikh from the Punjab, and asked him about his religion. He replied, ‘I believe in One God, and I repeat my prayers, called Jap-jee, every morning and evening. These prayers occupy six pages of print, but I can get through them in little more than ten minutes.’ He seemed to pride himself on this rapid recitation as a work of increased merit. I said, ‘What else does your religion require of you ?’ He replied, ‘I have made one pilgrimage to a sacred well near Amritsar ; eighty-five steps lead down to it. I descended and bathed in the sacred pool. Then I ascended one step and repeated my Jap-jee in about ten minutes. Then I descended again to the pool and bathed again, and ascended to the second step and repeated my prayers a second time. Then I descended a third time, and ascended to the third step, and repeated my Jap-jee a third time ; and so on for the whole eighty-five steps. It took me exactly fourteen hours, from 5 p.m. one evening to 7 a.m. next morning.’ I asked, ‘What good did you expect to get by going through this task ?’ He replied, ‘I hope I have laid up a great store of merit, which will last me for a long time.’ This, let me tell you, is a genuine Hindu idea. It is of the very essence of Brahmanism and Hinduism. It is equally a Mohammedan idea. It is even more a Buddhist idea. Buddhism recognises the terrible consequences of evil actions, but provides no remedy except the accumulation of merit by good actions as a counterpoise. The Buddha never claimed to be a deliverer from sin. He never pretended to set anyone free from the bondage of sinful acts and sinful habits. He never professed to provide any remedy for the leprosy of sin, any medicine for a dying sinner. On the contrary, by his doctrine of Karma he bound a man hand and foot to the consequences of his own acts with chains of adamant. He said, in effect, to everyone of his disciples, ‘You are in slavery to a tyrant of your own setting up ; your own deeds, words, and thoughts in the present and former states of being are your own avengers through a countless

series of existences. If you have been a murderer, a thief, a liar, impure, a drunkard, you must pay the penalty in your next birth ; either in one of the hells, or as an unclean animal, or as an evil spirit, or as a demon. You cannot escape, and I am powerless to set you free.' 'Not in the heavens' (says the Dhamma-pada), 'not in the midst of the sea, not if thou hidest thyself in the clefts of the mountains, wilt thou find a place where thou canst escape the force of thine own evil actions.' Contrast the first sermon of Christ, 'The Spirit of the Lord is upon me, because He hath sent me to proclaim liberty to the captives, and the opening of the prison to them that are bound.' Yes, in Christ alone there is deliverance from the bondage of former transgressions, from the prison-house of former sins ; a total cancelling of the past, a complete blotting out of the handwriting, that is against us ; the opening of a clear course for every man to start afresh ; the free gift of pardon and of life to every criminal, to every sinner—even the most heinous.

"But here, again, I seem to hear some admirers of Buddhism say :—'We admit the force of these contrasts, but surely you will allow that in the law of Buddha we find precepts which tell us not to love the world, not to love money, not to show enmity towards our enemies, not to do unrighteous acts, not to commit impurities, to overcome evil by good, and to do to others as we would be done by?' Yes, I admit all this ; nay, I admit even more. I allow that some Buddhist precepts go beyond corresponding Christian injunctions ; for the laws of Buddha prohibit all killing, even of animals for food. They demand total abstinence from stimulating drinks, disallowing even moderation in their use. They bid all who aim at the highest perfection abandon the world, and lead a life of celibacy and monkhood. In fine, they enjoin total abstinence, because they dare not trust human beings to be temperate. How, indeed, could they trust them, when they promise no help, no Divine grace, no restraining power ? The glory of Christianity is, that having freely given that power to man, it trusts him to make use of the gift. It seems to speak to him thus : 'Thy Creator has endowed thee with freedom of choice, and therefore respects thy liberty of action. He imposes on thee no rule of total abstinence in regard to natural desires ; He simply bids thee keep them within bounds, so that thy self-control and thy moderation may be known unto all men. He places thee in the world amid trials and temptations, and says to thee, 'My grace is sufficient for thee, and by its aid thou mayest overcome them all.'



“And, believe me, the great contrast between the moral precepts of Buddhism and Christianity is not so much in the letter of the precepts as in the motive power brought to bear in their application. Buddhism says : Be righteous by yourselves, and through yourselves, and for the final getting rid of all suffering, of all individuality, of all life in yourselves. Christianity says : Be righteous through a power implanted in you from above ; through the power of a life-giving principle, freely given to you, and always abiding in you.’ The Buddha said to his followers :—‘Take nothing from me, trust to no one but yourselves.’ Christ said, and says to us still :—‘Take all from Me ; take this free gift ; put on this spotless robe ; eat this bread of life ; drink this living water.’ He who receives a priceless gift is not likely to insult the Giver of it. He who accepts a snow-white robe is not likely willingly to soil it by impure acts. He who tastes life-giving bread is not likely to relish husks. He who draws deep draughts at a living well is not likely to prefer the polluted water of a stagnant pool. If any one, therefore, insists on placing the Buddhist and Christian moral codes on the same level, let him ask himself one plain question : Who would be the more likely to lead a godly, righteous, and sober life—a life of moderation and temperance—a life of holiness and happiness ; the man who has learnt his morality from the extinct Buddha, or the man who draws his morality and his holiness from the living, the eternal, the life-giving Christ ?

“Still, I seem to hear some one say, ‘We grant all this, we admit the truth of what you have stated ; nevertheless, for all that, you must allow that Buddhism conferred a great benefit on India by setting free its teeming population, before entangled in the meshes of ceremonial observances and Brahmanical priestcraft.’ Yes, I admit this ; nay, I admit even more than this. I admit that Buddhism conferred many other benefits on the millions inhabiting the most populous part of Asia. It promoted progress up to a certain point ; it preached purity in thought, word, and deed (though only for the accumulation of merit) ; it proclaimed the brotherhood of humanity ; it avowed sympathy with social liberty and freedom ; it gave back much independence to women ; it inculcated universal benevolence, extending even to animals ; and, from its declaration that a man’s future depended on his present acts and conditions, it did good service for a time in preventing stagnation, promoting activity, and elevating the character of humanity.

“But if, after making all these concessions, I am told that, on my

own showing, Buddhism was a kind of introduction to Christianity, or that Christianity is a kind of development of Buddhism, I must ask you to bear with me a little longer while I point out certain other contrasts, which ought to make it clear to every reasonable man how vast, how profound, how impassable is the gulf separating the true religion from a mere system of morality, founded on a form of pessimistic philosophy. And, first of all, let us note that Christ was God-sent, whereas Buddha was self-sent. Christ was with His Father from everlasting, and was in the fulness of time sent by Him into the world to be born of a pure virgin, in the likeness and fashion of men. Buddha, on the contrary, by a force derived from his own acts, passed through innumerable bodies of gods, demi-gods, demons, men, and animals, until he reached one out of numerous supposed heavens, and thence by his own will descended upon earth, to enter the side of his mother, in the form of a white elephant. Then Christ came down from heaven to be born on earth in a poor and humble station, to be reared in a cottage, to be trained to toilsome labour as a working man. Buddha came down to be born on earth in a rich and princely family ; to be brought up amid luxurious surroundings, and finally to go forth as a mendicant, begging his own food and doing nothing for his own support. Then, again, Christ as He grew up, showed no signs of earthly majesty in His external form, whereas the Buddha is described as marked with certain mystic symbols of universal monarchy on his feet and on his hands, and taller and more stately in frame and figure than ordinary human beings. Then, when each entered on his ministry as a teacher, Christ was despised and rejected by kings and princes, and followed by poor and ignorant fishermen, by common people, publicans, and sinners ; Buddha was honoured by kings and princes, and followed by rich men and learned disciples. Then Christ had all the treasures of knowledge hidden in Himself, and made known to His disciples that He was Himself the Way and the Truth, Himself their Wisdom, Righteousness, Sanctification, and Redemption ; Buddha declared that all enlightenment and wisdom were to be attained by his disciples, not through him, but through themselves and their own intuitions, and that, too, only after long and painful discipline in countless successive bodily existences. Then, when we come to compare the death of each, the contrast reaches its climax, for Christ was put to death violently by wicked men and died in agony an atoning death, suffering for the sins of the world at the age of thirty-three,

leaving behind in Jerusalem about one hundred and twenty disciples after a short ministry of three years ; whereas Buddha died peacefully among his friends, suffering from an attack of indigestion at the age of eighty, leaving behind many thousands of disciples after forty-five years of teaching and preaching. And what happened after the death of each ? Christ the Holy One saw no corruption, but rose again in His present glorified body, and is alive for evermore. Nay, has life in Himself ever-flowing in life-giving streams towards His people. The Buddha is dead and gone for ever ; his body, according to the testimony of his own disciples, was burnt, more than 400 years before the Advent of Christ, and its ashes distributed everywhere as relics. Even according to the Buddha's own declaration he now lives only in the doctrine which he left behind him for the guidance of his followers. And here again in regard to the doctrine left behind by each, a vast distinction is to be noted. For the doctrine delivered by Christ to His disciples is to spread by degrees everywhere until it prevails eternally. Whereas the doctrine left by Buddha, though it advanced rapidly by leaps and bounds, is, according to his own admission, to fade away by degrees, till at the end of 5,000 years it has disappeared altogether from the earth, and another Buddha must descend to restore it.

“ Then that other Buddha must be followed by countless succeeding Buddhas in succeeding ages, whereas there is only one Christ, who can have no successor, for He is still alive and for ever present with His people. ‘ Lo, I am with you alway, even unto the end of the world.’ Then observe that, although the Buddha's doctrine was ultimately written down by his disciples in certain collections of books, in the same manner as the doctrine of Christ, yet that a gulf of difference—a fundamental difference of character—separates the Sacred Books of each, the Bible of the Christian and the Bible of the Buddhist. The Christian's Bible claims to be a supernatural Revelation, yet it attaches no mystical talismanic virtue to the mere sound of its words. On the other hand the characteristic of the Buddhist Bible is that it utterly repudiates all claim to be a supernatural revelation ; yet the very sound of its words is believed to possess a meritorious efficacy, capable of elevating anyone who hears it to heavenly abodes in future existences. In illustration I may advert to a legend current in Ceylon, that once on a time 500 bats lived in a cave where two monks daily recited the Buddha's law (the recitation being called ‘ Bana ’). These bats gained such merit by simply hearing the sound of the words

that when they died they were all re-born as men and ultimately as gods.

“But, again. I am sure to hear the admirers of Buddhism say— Is it not the case that the doctrine of Buddha, like the doctrine of Christ, has self-sacrifice as its key-note? Well, be it so. I admit that the Buddha taught a kind of self-sacrifice. I admit that it is recorded of the Buddha himself that on one occasion he plucked out his own eyes, and that on another he cut off his own head, and that on a third he cut his own body to pieces, to redeem a dove from a hawk. But note the vast distinction between the self-sacrifice taught by the two systems. Christianity demands the suppression of selfishness. Buddhism demands the suppression of self, with the one object of extinguishing all consciousness of self. In the one the true self is elevated and intensified. In the other the true self is annihilated by the practice of a false form of non-selfishness, which has for its final object the annihilation of the Ego, the utter extinction of the illusion of *personal* individuality.

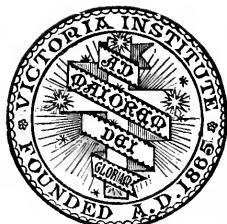
“Then note other contrasts. According to the Christian Bible, regulate and sanctify the heart’s desires and affections. According to the Buddhist, suppress and utterly destroy them if you wish for true sanctification. Christianity teaches that, in the highest form of life, *love* is intensified. Buddhism teaches that, in the highest state of existence, all love is extinguished. According to Christianity, go and earn your own bread, support yourself and your family. Marriage, it says, is honourable and undefiled, and married life is a field on which holiness may grow and be developed. Nay, more. Christ Himself honoured a wedding with his presence, and took up little children in His arms and blessed them. Buddhism, on the other hand, says, Avoid married life; shun it as if it were a burning pit of live coals; or, having entered on it, abandon wife, children, and home, and go about as celibate monks, engaging in nothing but in meditation and recitation of the Buddha’s Law—that is, if you aim at the highest degree of sanctification. And then comes the important contrast, that no Christian trusts to his own works as the sole meritorious cause of salvation, but is taught to say, I have no merit of my own, and when I have done all I am an unprofitable servant. Whereas Buddhism, on the contrary, teaches that every man must trust to his own merits only. Fitly do the rags worn by its monks symbolise the miserable patchwork of its own self-righteousness. Not that Christianity ignores the necessity for good works; on the contrary, no other system insists

on a lofty morality so strongly, but only as a thank-offering—only as the outcome and evidence of faith—never as the meritorious instrument of salvation.

“Lastly, I must advert again to the most important and essential of all the distinctions which separate Christianity from Buddhism. Christianity regards personal life as the most precious, the most sacred of all possessions, and God Himself as the highest example of intense personality, the great ‘I Am that I Am,’ and teaches us that we are to thirst for a continuance of personal life as a gift for Him ; nay, more, that we are to thirst for the living God Himself and for conformity to His likeness ; while Buddhism sets forth as the highest of all aims the utter extinction of personal identity—the utter annihilation of the Ego—of all existence in any form whatever, and proclaims, as the only true creed, the ultimate resolution of everything into nothing, of every entity into pure non-entity. What shall I do to inherit eternal life ? says the Christian. What shall I do to inherit eternal extinction of life ? says the Buddhist. It seems a mere absurdity to have to ask, in concluding this address, Whom shall we choose as our guide, our hope, our salvation—‘the Light of Asia,’ or ‘the Light of the world’ ? the Buddha, or the Christ ? It seems mere mockery to put this final question to rational and thoughtful men in the nineteenth century :—Which book shall we clasp to our hearts in the hour of death—the book that tells us of the extinct man Buddha, or the Bible that reveals to us the living Christ, the Redeemer of the world ?”

---





# The Victoria Institute,

or

## Philosophical Society of Great Britain.

No. 7, ADELPHI TERRACE, STRAND, LONDON, W.C.

Correspondence (including communications from intending Members or Associates, &c.) to be addressed to "The Secretary."

### THE PRIMARY OBJECTS.

**T**HIS SOCIETY has been founded for the purpose of promoting the following Objects, which will be admitted by all to be of high importance both to Religion and Science:—

First.—To investigate fully and impartially the most important questions of Philosophy and Science, but more especially those that bear upon the great truths revealed in Holy Scripture; with the view of reconciling any apparent discrepancy between Christianity and Science.

Second.—To associate MEN OF SCIENCE and AUTHORS\* who have already been engaged in such investigations, and all others who may be interested in them, in order to strengthen their efforts by association; and by bringing together the results of such labours, after full discussion, in the printed Transactions of an Institution, to give greater force and influence to proofs and arguments which might be little known, or even disregarded, if put forward merely by individuals.

Third.—To consider the mutual bearings of the various scientific conclusions arrived at in the several distinct branches into which Science is now divided, in order to get rid of contradictions and conflicting hypotheses, and thus promote the real advancement of true Science; and to examine and discuss all supposed scientific results with reference to final causes, and the more comprehensive and fundamental principles of Philosophy proper, based upon faith in the existence of one Eternal God, who in His wisdom created all things very good.

Special advantages are secured to Country and Colonial Members and Associates in the Journal of Transactions.

### The Journal of Transactions

Contains the Papers read at the Meetings and the Discussions thereon.

Before these are published in the Journal, both are finally submitted to their Authors for any revision, and MS. comments and supplementary remarks are added, which have been sent in by such British, American, and other Members to whom, as being specially qualified to contribute information upon the respective subjects, proof copies of the Papers had been submitted for consideration—the authors of Papers adding their final comments. These arrangements, which are found to add greatly to the value of the Journal, are carried out with a view to securing the special usefulness of the Journal to all, whether home or Non-resident Members or Associates; these thus find in the Journal much valuable matter, and often much (contributed by men of learning in all parts of the world) in addition to that which had come before those actually present at the Meetings. (The Journal is sent post-free.)

\* The Society now consists of 1,200 Subscribers (about one-third of whom are Foreign Members); including Literary and Scientific Men and others favourable to the Objects. (The present average annual increase is upwards of a hundred.)

*President.*

Professor G. G. STOKES, M.A., D.C.L., President of the Royal Society.

*Vice-Presidents.*

Sir H. BARKLY, K.C.B., G.C.M.G., F.R.S.

Sir J. RISDON BENNETT, M.D., F.R.S.

W. FORSYTH, Esq., Q.C., LL.D.

Sir JOSEPH FAYRER, K.C.S.I., M.D., F.R.S.

Rev. ROBINSON THORNTON, D.D.

PHILIP HENRY GOSSE, Esq., F.R.S.

A. MCARTHUR, Esq., M.P.

*Correspondent Members.*

Professor L. PASTEUR, F.R.S., *Paris.*

Sir J. W. DAWSON, K.C.M.G., F.R.S.

Professor MASPERO, *Cairo.*

HORMUZD RASSAM, Esq.

Professor NAVILLE.

*The Council* (24 Members).—Professor ALLEYNE-NICHOLSON, F.R.S.E. Revs. W. ARTHUR and Dr. ANGUS. The BISHOP of BEDFORD. J. BATEMAN, Esq., F.R.S. J. F. LA-TROBBE BATEMAN, F.R.S., F.R.S.E. Captain CREAK, F.R.S. Dr. GUNNING, F.R.S.E., F.R.C.S.E. Surg.-Gen. GORDON, C.B. Dr. F. B. HAWKINS, F.R.S. D. HOWARD, Esq., V. Pres. Chem. Soc., Pres. S.C.I., &c. &c.

*Trustees.*—Sir ROBERT N. FOWLER, Bart., M.P.; R. BAXTER, Esq.

*Hon. Auditors.*—G. CRAWFURD HARRISON, Esq.; J. ALLEN, Esq.

*Honorary Treasurer.*—WILLIAM NOWELL WEST, Esq.

*Hon. Sec. and Editor of Journal.*—Captain F. W. H. PETRIE, F.G.S., &c.

## MEMBERSHIP AND SUBSCRIPTIONS.

Intending Members and Associates are requested to address "The Secretary."

The Annual Subscription for *Members* is *Two Guineas*, with *One Guinea* Entrance Fee (see privileges). The Annual Subscription for *Associates* is *One Guinea*, without Entrance Fee. (*All receive the Journal post free.*)

In lieu of Annual Subscription, the payment of *Twenty Guineas* (without Entrance Fee) will constitute a *Life Member*, or *Ten Guineas* a *Life Associate*.

The payment of a Donation of not less than *Sixty Guineas* qualifies for the office of *Vice-Patron*, with all the privileges of a *Life Member* or *Life Associate*.

[It is to be understood, that only such as are professedly Christians are entitled to become *Members*.]

\* \* Subscriptions are payable to the "VICTORIA INSTITUTE'S" credit at "Ransom's Bank," 1, Pall Mall East, S.W., or may be remitted to the Secretary, at the Office. *Cheques* or *Post Office Orders* (on General Post Office) should be made payable to "Victoria Institute or order," and crossed "Ransom & Co."

## PRIVILEGES.

MEMBERS—on election, are presented with any Volume of the First or Second Series of the *Journal of the Transactions*, and ARE ENTITLED—to a Copy of the Journal, either in the Quarterly Parts, or the Annual (bound) Volume, for the years during which they may subscribe, and to a copy of any other documents or books which may be published under the auspices of the Society, and, on application, to a copy of every paper re-published in the "People's Edition"; to the use of the Library (Books can be sent to the country). Reading and Writing Rooms (affording many of the conveniences of a Club); and to introduce two Visitors at each Meeting. The Council are chosen from among the Members, who alone are eligible to vote by ballot in determining any question at a General Meeting. Members are further privileged to obtain any Volumes, other than that chosen, of the Transactions *issued prior to their joining the Institute* at half-price (half-a-guinea each), or any Quarterly Parts for past years at half-a-crown each.

The Library, Reading and Writing Rooms are open, for the use of the Members only, from ten till five (Saturdays till two). The Institute exchanges Transactions with the Royal Society and many other leading English and Foreign Scientific bodies, whose Transactions are therefore added to the Library.

ASSOCIATES—ARE ENTITLED, to the Journal, in Quarterly Parts or in the Annual Volume, for the years during which they may subscribe; to obtain the earlier Volumes or Parts at a reduced price; and to introduce one Visitor at each Meeting.

Members and Associates have the right to be present at all Meetings of the Society.

The Meetings, of which due notice is given, are held at 7, Adelphi Terrace, at Eight o'clock on the evenings of the First and Third Mondays of the Winter, Spring, and Summer Months. Proof Copies of the Papers to be read can be had by those desirous of placing their opinions thereon before the Members (when unable to attend, they can do this in writing).

Members and Associates on 1st January, 1871, 203.—Joined since.—In 1871, 91;—1872, 109;—1873, 110;—1874, 111;—1875, 115;—1876, 107;—1877, 100;—1878, 101;—1879, 105;—1880, 104;—1881, 122;—1882, 122;—1883, 126;—1884, 109;—1885, 110;—1886, 101;—1887, Foreign, 47; Home, 62—109.



# FORM A.

## FORM OF APPLICATION for the Admission of Vice-Patrons, Members, or Associates of the VICTORIA INSTITUTE.

188

I hereby desire to be enrolled a \* \_\_\_\_\_ of the VICTORIA  
INSTITUTE, OR PHILOSOPHICAL SOCIETY OF GREAT BRITAIN.

\* Here insert whether as Vice-Patron, Member, or Associate. (If for life, state so.)

Candidate's ordinary Signature, {  
and full name, if necessary. }

Title, Profession, University degree, {  
&c., or other distinction. }

Address \_\_\_\_\_

If an Author, the name of the Can- {  
didate's works may be here stated. }

To The Honorary Secretary of the VICTORIA INSTITUTE,  
7, Adelphi Terrace, Strand, London, W.C.

## JOURNAL OF TRANSACTIONS. VOL. XVIII.

69. On Misrepresentations of Christianity. By Lord O'NEILL (the late).  
Science not Opposed to Revelation. By J. L. PORTER, D.D., LL.D., Pres. Queen's Coll.
70. Recent Egyptological Research in its Biblical Relation. By the Rev. H. G. TOMKINS.  
Cuneiform Inscriptions as illustrative of the times of the Jewish Captivity. By W. ST.  
CHAD BOSCAWEN, F.R.Hist.Soc.  
Nebuchadnezzar, King of Babylon—On Recently Discovered Inscriptions of this King. By  
E. A. BUDGE, M.A., M.R.A.S.  
Buddhism. By Rev. R. COLLINS. Remarks by Dr. LEITNER (Lahore), Professor RHYS  
DAVIDS, Mr. RASSAM, Rev. S. COLES (Ceylon), &c. Also a Full Note on Krishna.
71. Pessimism. By (the late) W. P. JAMES, Esq.  
On the Prehistoric Factory of Flints at Spiennes. By Rev. J. MAGENS MELLO, F.G.S.  
The Evolution of the Pearly Nautilus. By S. R. PATTISON, Esq., F.G.S.
72. On "Prehistoric Man in Egypt and the Lebanon." By Sir J. W. DAWSON, K.C.M.G.,  
F.R.S., McGill University, Montreal. Remarks by Professors W. WARINGTON SMYTH,  
F.R.S., W. BOYD DAWKINS, F.R.S., T. RUPERT JONES, F.R.S., T. WILTSHIRE, F.G.S.,  
Colonel HERSHEL, F.R.S., Dr. RAE, F.R.S.

## VOL. XIX.

73. { On the Inductive Logic. By Prof. R. L. DABNEY, D.D., LL.D. Speeches by Sir H.  
BARKLY, K.C.B., G.C.M.G., F.R.S., Sir J. LEFROY, K.C.M.G., F.R.S., &c.  
On Evolution by Natural Selection. J. HASSELL, Esq.  
Remarks on Evolution by Professor VIRCHOW.
74. { On the Recency of the Close of the Glacial Epoch. By D. MACKINTOSH, Esq., F.G.S.  
Communications from Prof. T. RUPERT JONES, F.R.S., and others.  
On the recession of Niagara (with the United States Government Survey Diagrams).

- On the Religion of the Aboriginal Tribes of India. By Professor J. AVERY. Remarks by General HAIG, Mr. H. RASSAM, and others.
- On the Evolution of Savages by Degradation. Rev. F. A. ALLEN, M.A.
- Some Thoughts on the Evolution of Religions. By Rev. W. R. BLACKETT, M.A.
- On the Relation of Fossil Botany to Theories of Evolution. By late W. P. JAMES, F.L.S. Remarks by Sir R. OWEN, F.R.S., Prof. W. CARRUTHERS, F.R.S., Dr. J. BRAXTON HICKS, F.R.S., &c.
75. Was Primeval Man a Savage? By J. HASSELL, Esq. Remarks on Evolution and Development. By Rev. J. WHITE, M.A. On Some Characteristics of Primitive Religions. By Rev. R. COLLINS, M.A. Human Responsibility. By Rev. G. BLENCOWE.
76. On the Worship and Traditions of the Aborigines of America. By Rev. M. EELLS, M.A. Remarks by Professor J. O. DORSEY, U.S. Survey. Note on Comparative Religions.

## VOL. XX.

77. Special Address by the Institute's President, Professor G. G. STOKES, M.A., D.C.L. President of the Royal Society. Egypt: Physical, Historical, Literary, and Social. By J. LESLIE PORTER, D.D., D.C.L., President of Queen's College, Belfast. Remarks by the Earl of BELMORE, Right Hon. A. S. AYRTON (the late), &c.
- On the Theory of Natural Selection and the Theory of Design. By Professor DUNS, D.D., F.R.S.E. Remarks by Right Hon. Lord GRIMTHORPE, &c.
78. On Agnosticism. By J. HASSELL, Esq. On the Structure of the Gorilla. By E. CHARLESWORTH, Esq., F.G.S.; with illustration. Notes on the Antiquity of Man. By the EDITOR. The Chronology of Animal Life on the Earth prior to the Advent of Man. By Sir J. WILLIAM DAWSON, K.C.M.G., F.R.S., President of the British Association. Historical Evidences of the Migration of Abram. By W. ST. C. BOSCAWEN, F.R. Hist. Soc., with drawings. Notes by Professor SAYCE, F.R.S., E. A. W. BUDGE, Esq., &c.
- A Samoan Tradition of Creation. By Rev. T. POWELL, F.L.S.; Notes on the Islands.
79. The Fundamental Assumptions of Agnosticism. By Rev. H. J. CLARKE. On Miracles. By Rev. H. C. M. WATSON. Remarks by Lord GRIMTHORPE, &c. On Accounts of the Creation. By W. P. JAMES, Esq., F.L.S. (the late).
80. On Final Cause. By Professor R. L. DABNEY, D.D., LL.D. On Structure and Structureless. By Prof. LIONEL S. BEALE, M.B., F.R.S. On the Meteorology of Syria and Palestine. By Professor G. E. POST, F.L.S. (with chart). Remarks by Sir JOSEPH FAYRER, K.C.S.I., F.R.S., &c.
- On the Geographical Names on the List of Thothmes III. By Professor G. MASPERO (with map). Remarks by Sir CHARLES WILSON, K.C.B., K.C.M.G., F.R.S., Captain C. R. CONDER, R.E., Dr. WRIGHT, &c. Note on Excavations round the Sphinx. By Prof. MASPERO.

## VOL. XXI.—1887-8.

81. Results of an Expedition to Arabia Petraea and Palestine (with chart). By Professor E. HULL, F.R.S., Director of the Geological Survey of Ireland. Jewish, Phœnician, and Early Greek Art. By Rev. Dr. PORTER, President, Queen's College, Belfast.
82. The Discoveries at Sidon. The Empire of the Hittites. By Rev. W. WRIGHT, D.D. Note on the Hittites. Canaan, Ancient and Modern. By Professor TRISTRAM, F.R.S. On Caves. By Professor T. MCK. HUGHES, F.G.S. (Cambridge), with comments by Sir J. W. DAWSON, K.C.M.G., F.R.S., Sir WARINGTON W. SMYTH, F.R.S., and others. Oriental Entomology. By Rev. F. A. WALKER, D.D., F.L.S. Notes by S. T. KLEIN, Esq., F.L.S., and others. Petra. By Professor E. HULL, F.R.S. (with chart).
83. On Krishna. By Rev. R. COLLINS, M.A. Notes by Sir M. MONIER-WILLIAMS, K.C.I.E., Professors MAX MÜLLER, E. B. COWELL, DOUGLAS, DE LACOUPERIE, DR. LEITNER, and Dr. EDERSHEIM. The Pedigree of the Coral Reefs of England. By S. R. PATTISON, F.G.S. Remarks by Professor G. G. STOKES, P.R.S. Practical Optimism. By Canon SAUMAREZ SMITH, B.D.
84. Traditions of the Aborigines of North America. By Rev. S. D. PEET (with illustrations). On the Beauty of Nature. By Lord GRIMTHORPE, with special paper by Rev. W. ARTHUR, M.A. Evolution. By Rev. H. J. CLARKE, M.A. Remarks by Sir J. W. DAWSON, K.C.M.G., F.R.S. Appendices; The Jewish Nation and Diseases. Egyptian Discoveries in 1888. (Library List, &c.) The Sacred Books of the East. By Sir M. MONIER-WILLIAMS, K.C.I.E.

